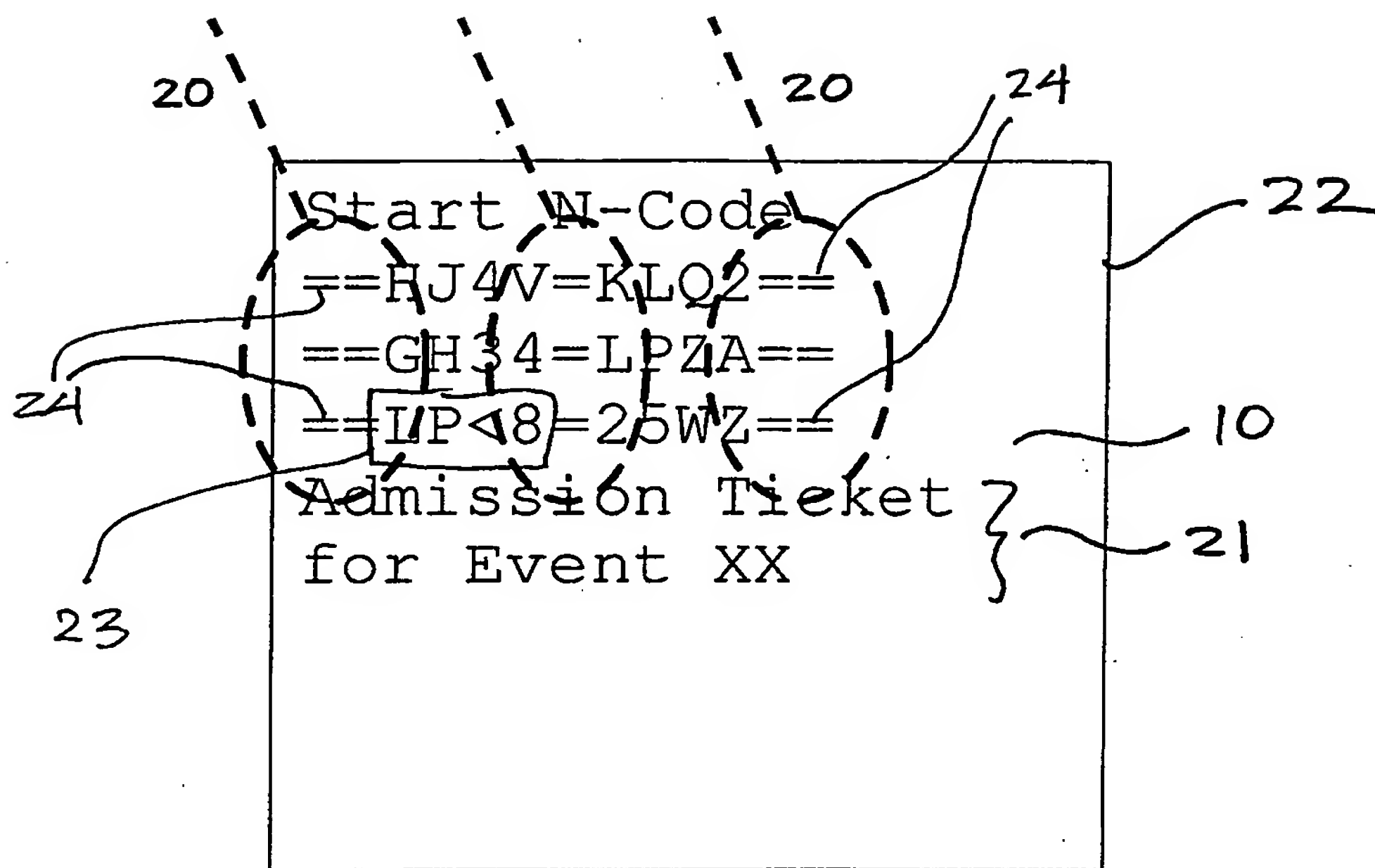
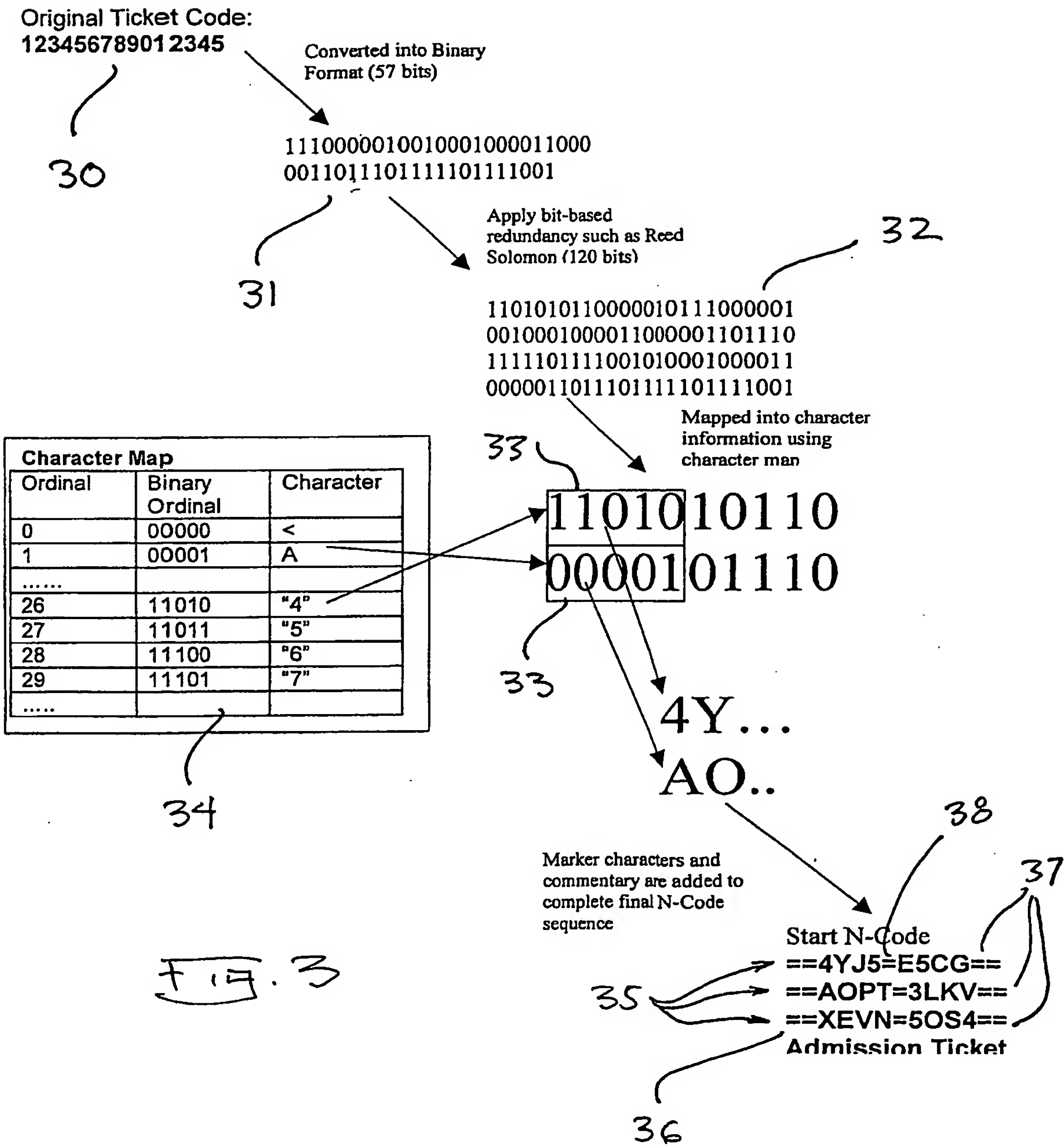
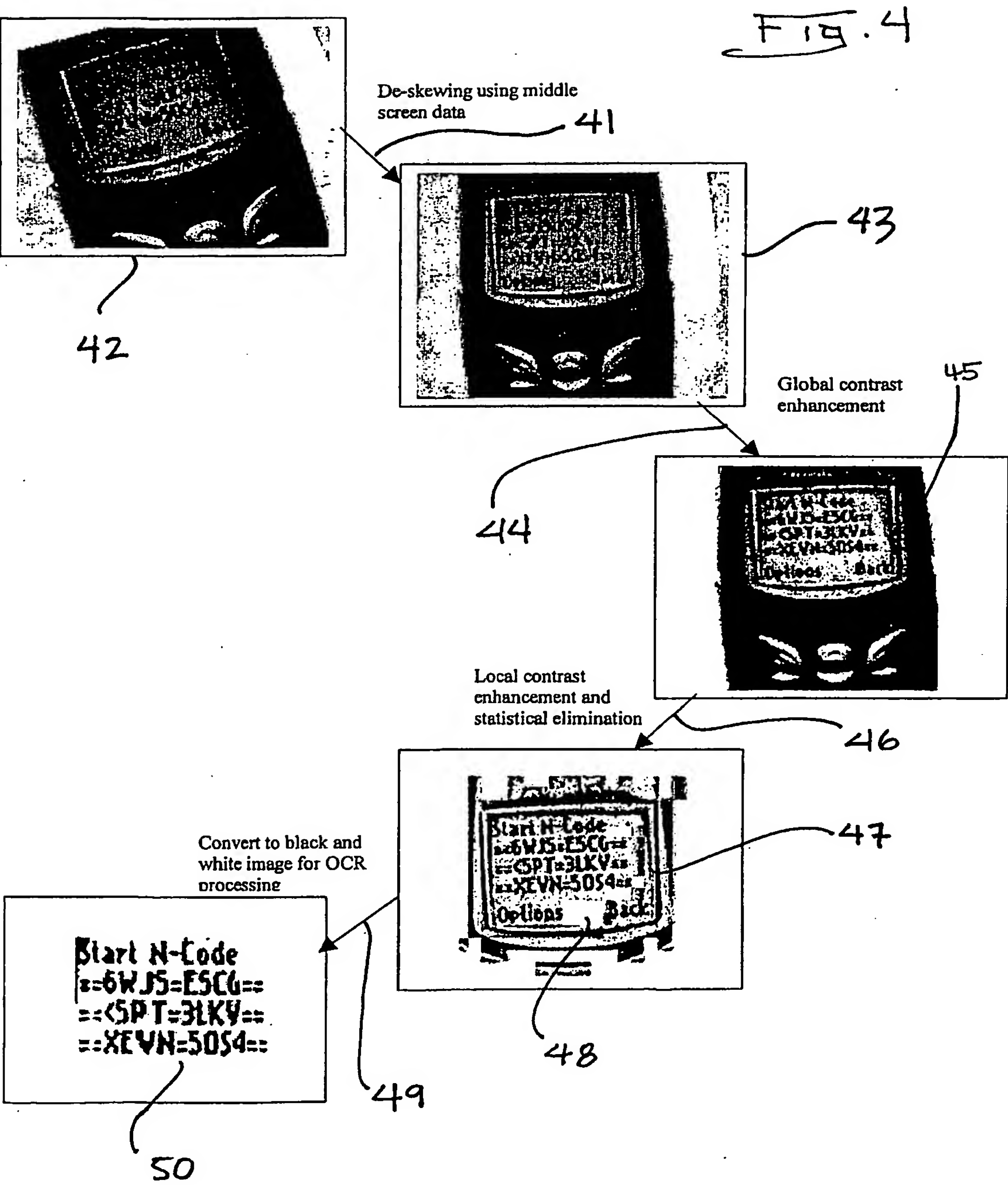
Fig. 1

Fig. 2





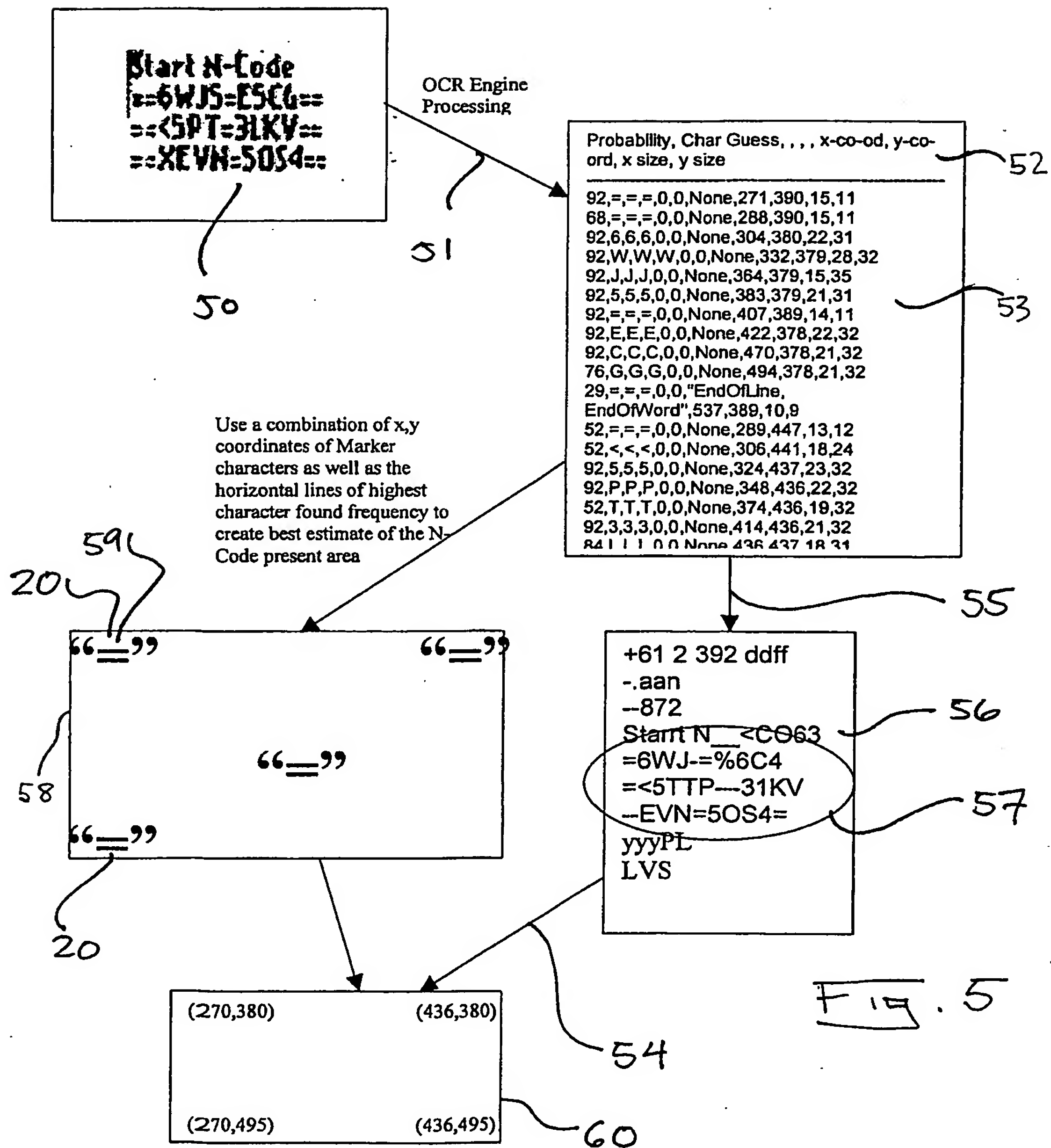
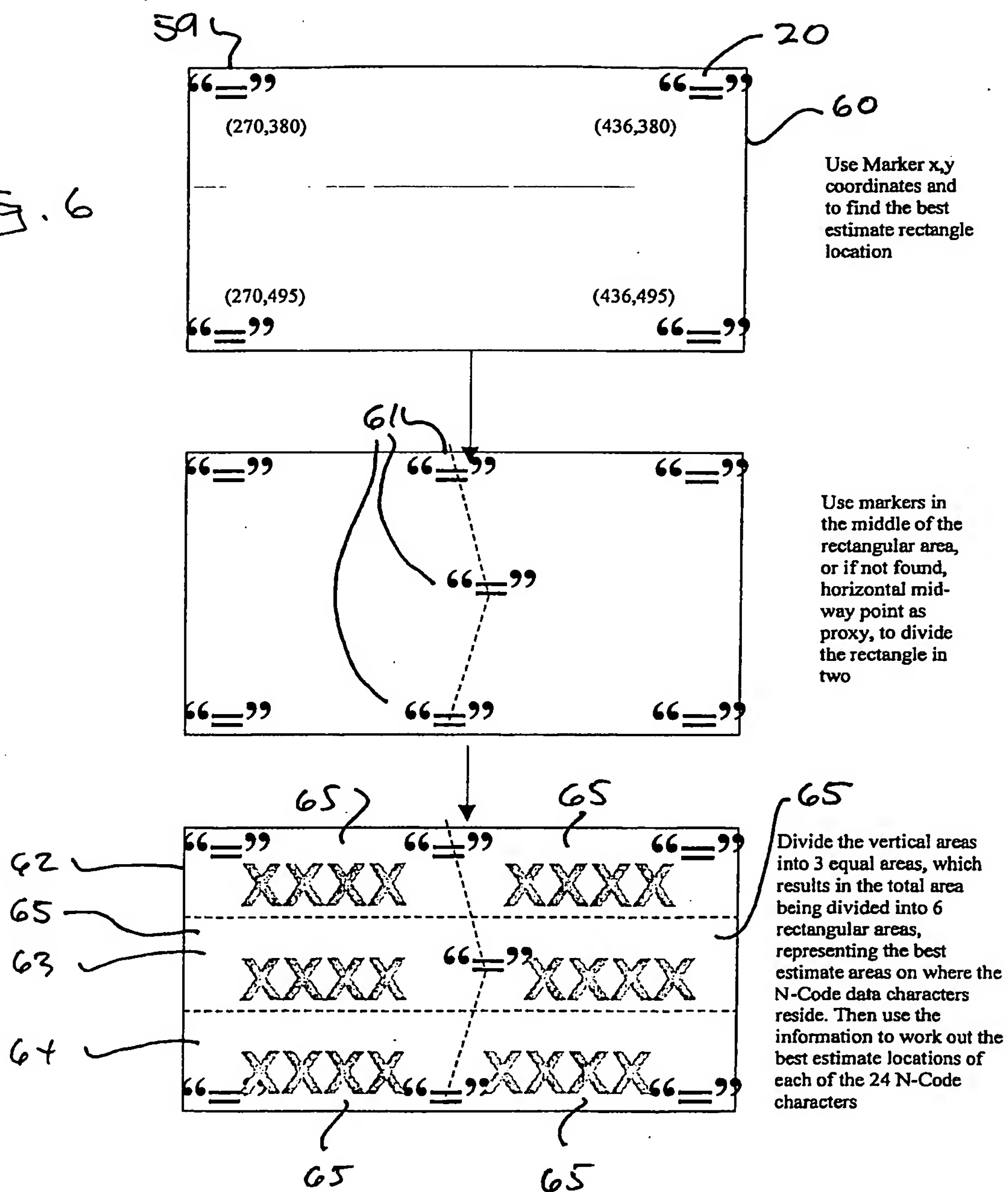


Fig. 6



7/12

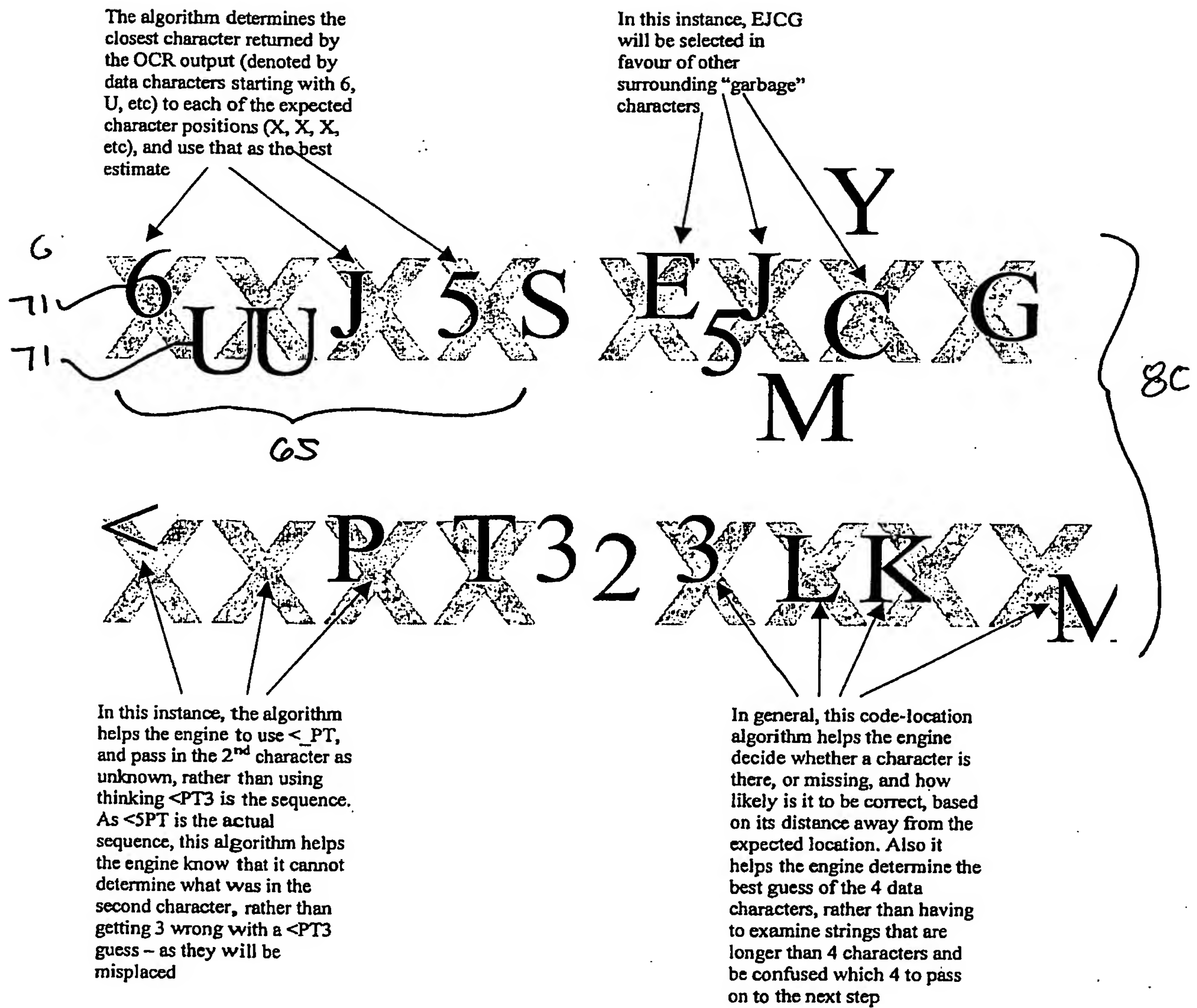
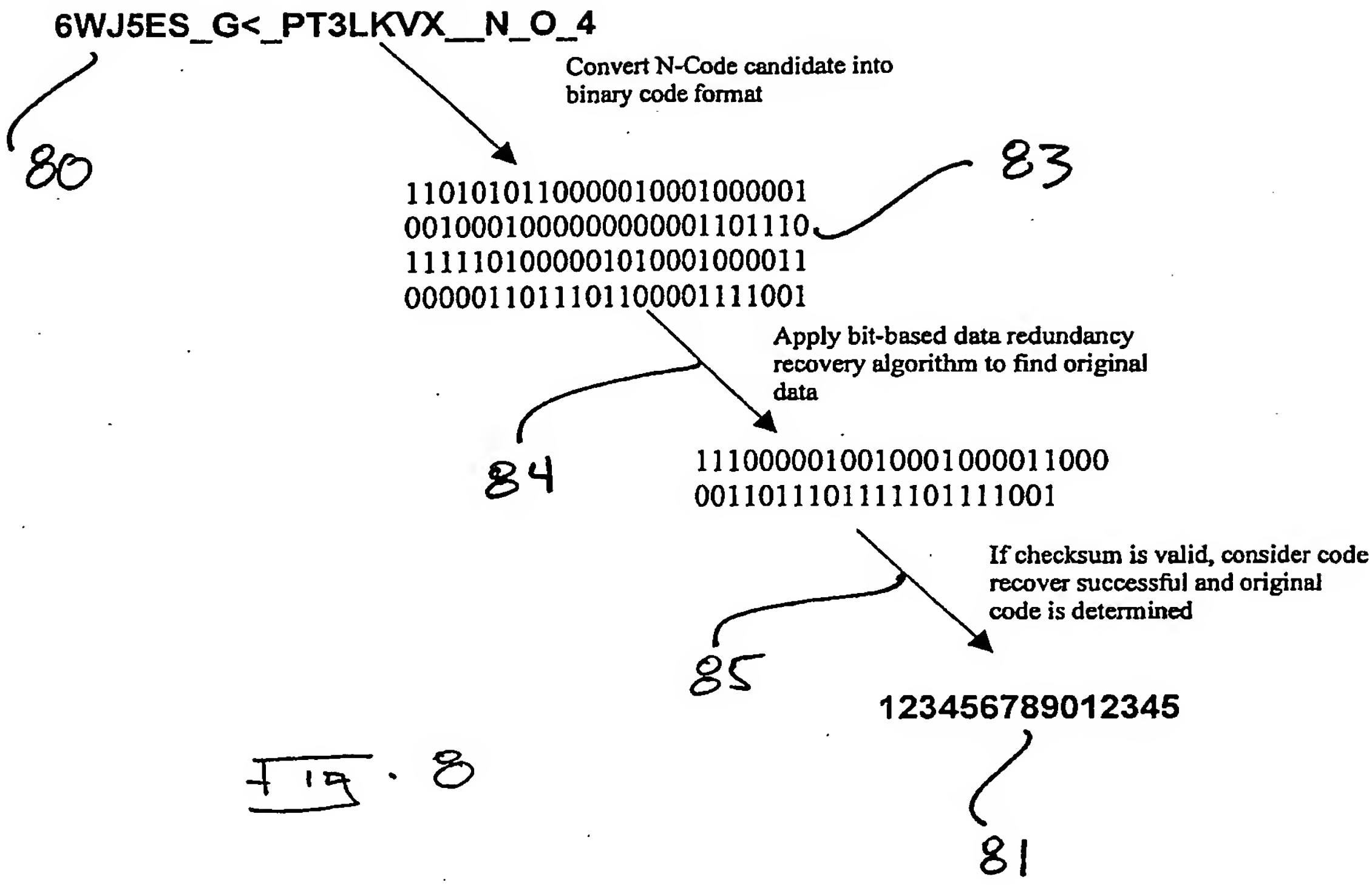
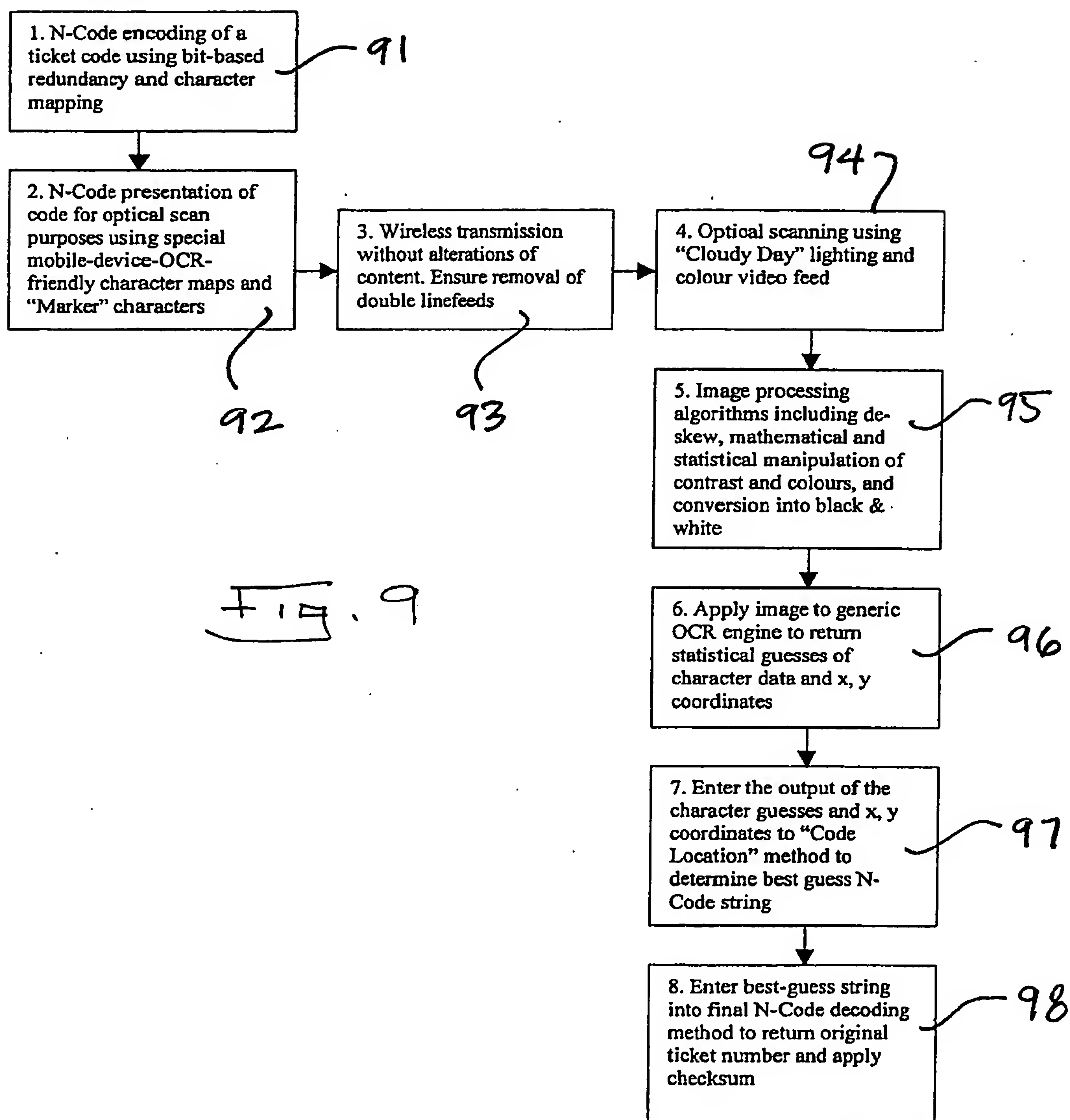


FIG. 7



9/12



10/12

102

Required 20-digit Data	Temporary Mapped 12-Digit Data
12345678901234567000	111222333000
12345678901234567001	111222333001
12345678901234567002	111222333002
12345678901234567003	111222333003
98765432109876543000	111222333004
98765432109876543001	111222333005
98765432109876543002	111222333006
98765432109876543003	111222333007
...	...

101

103

Mapping Table with Resell and Re-issue Requirement			
Required 20-digit Data	Temporary Mapped 12-Digit Data	Active (Y/N?)	Timestamp
12345678901234567000	111222333000	Y	
12345678901234567001	111222333001	Y	
12345678901234567002	111222333002	Y	
12345678901234567003	111222333003	Y	
98765432109876543000	111222333004	Y	
98765432109876543001	111222333005	Y	
98765432109876543002	111222333006	N	
98765432109876543002	111222333156	N	
98765432109876543002	111222333773	Y	
98765432109876543003	111222333007	Y	
...	...		

105

106

107

104

108

Fig 10

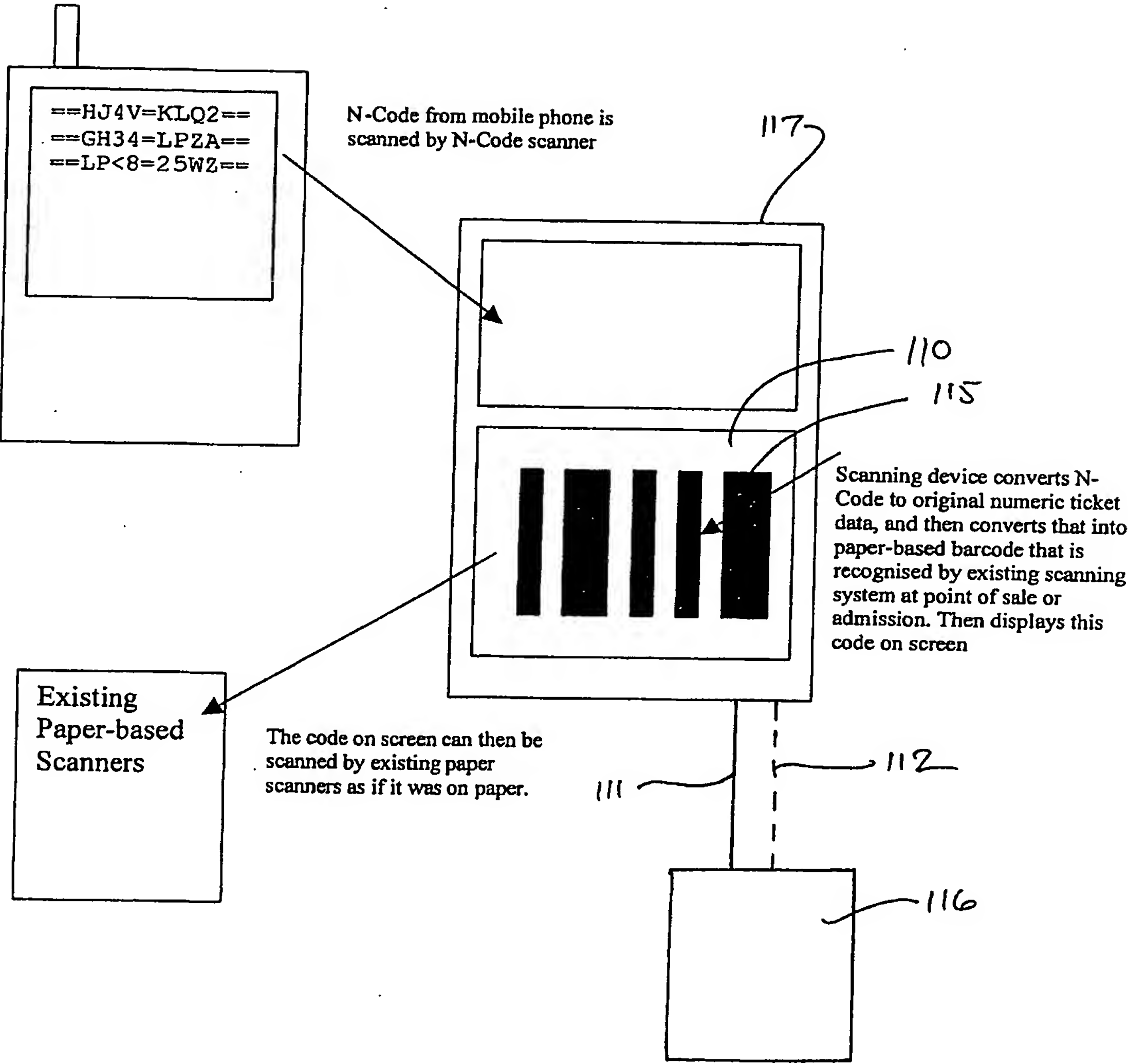


Fig. 11

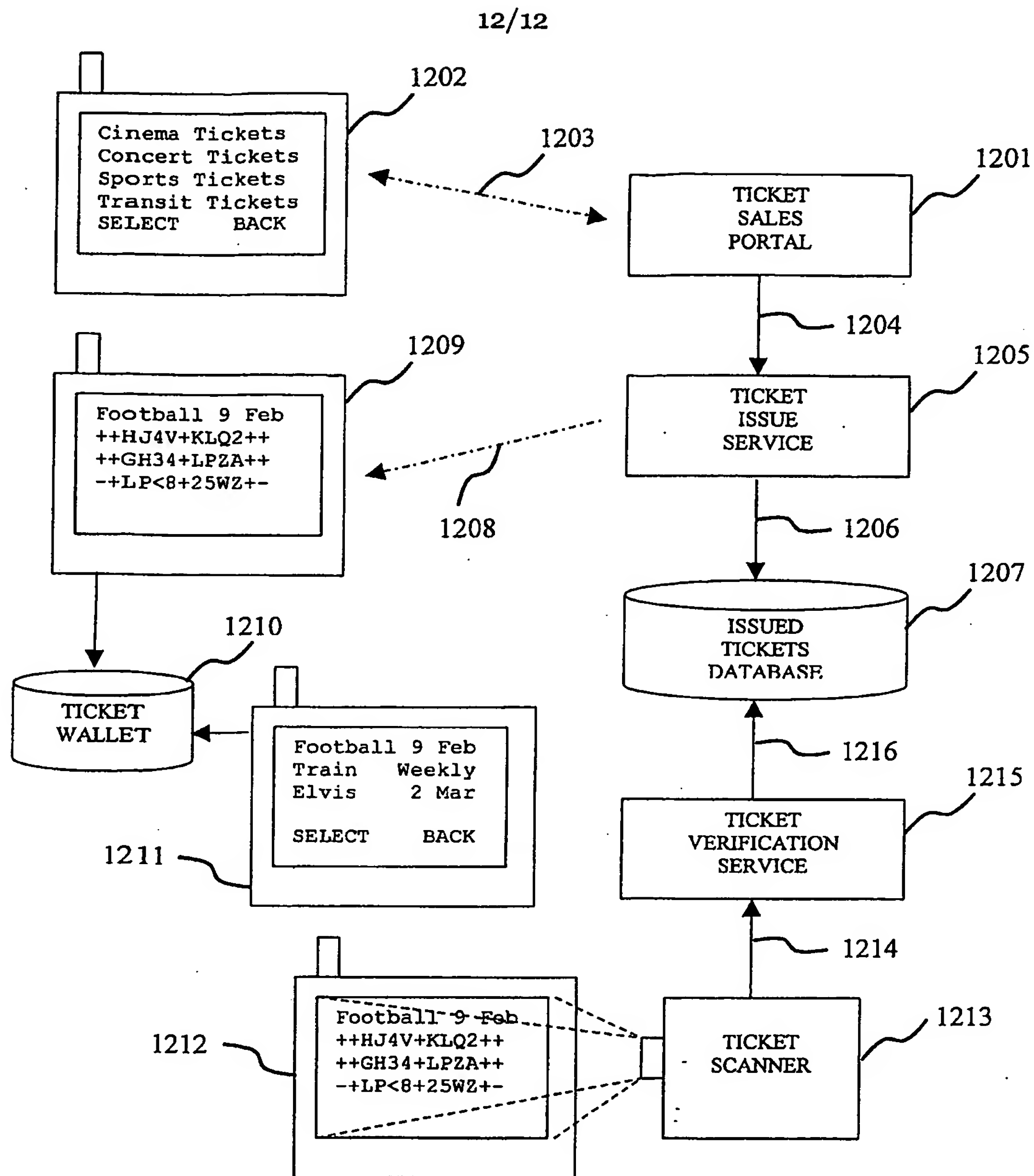


Fig 12

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